

PC-0037 US

<110> Lal, Preeti  
Faris, Mary  
Chen, Huei-Mei  
Ison, Craig H.

<120> STEAP-RELATED PROTEIN

<130> PC-0037 US

<140> To Be Assigned  
<141> Herewith

<160> 11

<170> PERL Program

<210> 1

<211> 490

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 7492448CD1

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Thr	Cys	Leu	Pro	Asn	Gly	Ile	Asn	Gly	Ile	Lys	Asp	Ala	Arg	Lys
					20				25					30
Val	Thr	Val	Gly	Val	Ile	Gly	Ser	Gly	Asp	Phe	Ala	Lys	Ser	Leu
					35				40					45
Thr	Ile	Arg	Leu	Ile	Arg	Cys	Gly	Tyr	His	Val	Val	Ile	Gly	Ser
					50				55					60
Arg	Asn	Pro	Lys	Phe	Ala	Ser	Glu	Phe	Phe	Pro	His	Val	Val	Asp
					65				70					75
Val	Thr	His	His	Glu	Asp	Ala	Leu	Thr	Lys	Thr	Asn	Ile	Ile	Phe
					80				85					90
Val	Ala	Ile	His	Arg	Glu	His	Tyr	Thr	Ser	Leu	Trp	Asp	Leu	Arg
					95				100					105
His	Leu	Leu	Val	Gly	Lys	Ile	Leu	Ile	Asp	Val	Ser	Asn	Asn	Met
					110				115					120
Arg	Ile	Asn	Gln	Tyr	Pro	Glu	Ser	Asn	Ala	Glu	Tyr	Leu	Ala	Ser
					125				130					135
Leu	Phe	Pro	Asp	Ser	Leu	Ile	Val	Lys	Gly	Phe	Asn	Val	Val	Ser
					140				145					150
Ala	Trp	Ala	Leu	Gln	Leu	Gly	Pro	Lys	Asp	Ala	Ser	Arg	Gln	Val
					155				160					165
Tyr	Ile	Cys	Ser	Asn	Asn	Ile	Gln	Ala	Arg	Gln	Gln	Val	Ile	Glu
					170				175					180
Leu	Ala	Arg	Gln	Leu	Asn	Phe	Ile	Pro	Ile	Asp	Leu	Gly	Ser	Leu
					185				190					195
Ser	Ser	Ala	Arg	Glu	Ile	Glu	Asn	Leu	Pro	Leu	Arg	Leu	Phe	Thr
					200				205					210
Leu	Trp	Arg	Gly	Pro	Val	Val	Val	Ala	Ile	Ser	Leu	Ala	Thr	Phe
					215				220					225

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Phe Phe Leu Tyr Ser Phe Val Arg Asp Val Ile His Pro Tyr Ala  
230 235 240  
Arg Asn Gln Gln Ser Asp Phe Tyr Lys Ile Pro Ile Glu Ile Val  
245 250 255  
Asn Lys Thr Leu Pro Ile Val Ala Ile Thr Leu Leu Ser Leu Val  
260 265 270  
Tyr Leu Ala Gly Leu Leu Ala Ala Tyr Gln Leu Tyr Tyr Gly  
275 280 285  
Thr Lys Tyr Arg Arg Phe Pro Pro Trp Leu Glu Thr Trp Leu Gln  
290 295 300  
Cys Arg Lys Gln Leu Gly Leu Leu Ser Phe Phe Ala Met Val  
305 310 315  
His Val Ala Tyr Ser Leu Cys Leu Pro Met Arg Arg Ser Glu Arg  
320 325 330  
Tyr Leu Phe Leu Asn Met Ala Tyr Gln Gln Val His Ala Asn Ile  
335 340 345  
Glu Asn Ser Trp Asn Glu Glu Glu Val Trp Arg Ile Glu Met Tyr  
350 355 360  
Ile Ser Phe Gly Ile Met Ser Leu Gly Leu Leu Ser Leu Leu Ala  
365 370 375  
Val Thr Ser Ile Pro Ser Val Ser Asn Ala Leu Asn Trp Arg Glu  
380 385 390  
Phe Ser Phe Ile Gln Ser Thr Leu Gly Tyr Val Ala Leu Leu Ile  
395 400 405  
Ser Thr Phe His Val Leu Ile Tyr Gly Trp Lys Arg Ala Phe Glu  
410 415 420  
Glu Glu Tyr Tyr Arg Phe Tyr Thr Pro Pro Asn Phe Val Leu Ala  
425 430 435  
Leu Val Leu Pro Ser Ile Val Ile Leu Gly Lys Ile Ile Leu Phe  
440 445 450  
Leu Pro Cys Ile Ser Arg Lys Leu Lys Arg Ile Lys Lys Gly Trp  
455 460 465  
Glu Lys Ser Gln Phe Leu Glu Gly Ile Gly Gly Thr Ile Pro  
470 475 480  
His Val Ser Pro Glu Arg Val Thr Val Met  
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<210> 2

<211> 1891

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 7492448CB1

<400> 2

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ctgcaaggct cgcgcctgcc cggcgtggag ggcgcggggg ggcgcggagaa agtgaagaga 180  
ggaaaatttggaa aaatttgcgtggacccctt gatactgcctc ctccttgcgt ggaaaagggg 240  
aaagaactgc atgcattat ttcagcgtcc tatattcaaa ggatattctt ggtatctt 300  
gaagtgtccg tatcatggaa tcaatctcta tcatggaaag ccctaagagc cttatgtaaa 360  
cttgcatttacc taatggcata aatggtatca aagatgcaag gaaggtcact ttagatgc ggctatcatg 420  
tttggaaatggc agattttgc aaatccttga ccatttcact tattatgtc ggctatcatg 480  
ttgtcatagg aagttagaaat cctaagtttgc ttcttgcattt ttttcctcat gtggtagatg 540

tcactcatca tgaagatgct ctcacaaaaa caaatataat atttggct atacacagag 600  
aacattatac ctccctgtgg gacctgagac atctgctgt gggtaaaatc ctgattgatg 660  
tgagcaataa catgaggata aaccagtacc cagaatccaa tgctgaatat ttggcttcat 720  
tattccaga ttcttgatt gtcaaaggat ttaatgtgt ctcagcttgg gcacttcagt 780  
taggacctaa ggatgccagc cggcagggtt atatatgcag caacaatatt caagcgcgac 840  
aacaggttat tgaacttgcc cgccagttga atttcattcc cattgacttg ggatccttat 900  
catcagccag agagattgaa aatttacccc tacgactctt tactctctgg agagggccag 960  
tgggtgtagc tataagcttg gcccacattt ttttcctta ttcccttgta agagatgtga 1020  
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tcacttctat cccttcagtg agcaatgctt taaactggag agaattcagt tttattcagt 1500  
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aacgagctt tgaggaagag tactacagat tttatacacc accaaacttt gttcttgctc 1620  
ttgtttgcc ctcaattgtt attctggta agattattt attccttcca tgtataagcc 1680  
gaaagctaaa acgaattaaa aaaggctggg aaaaagagcca atttctggaa gaaggtattt 1740  
gaggaacaat tcctcatgtc tccccggaga gggcacagt aatgtatgtga taaatgggt 1800  
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acaagtatgc tgtcaaatta tcgtgggttg a 1891

<210> 3  
<211> 517  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 7100809H1

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ctgcaaggct cggccctgccc cggcgtggag ggcgcggggg gcgcggagaa agtgaagaga 180  
ggaaaatttga aaattgttag tggacattctt gatactgctc ctcccttgcgt ggaaaagg 240  
aaagaactgc atgcatatta ttcagcgccc tatattcaaa ggatattttt ggtgatctt 300  
gaagtgtccg tatcatggaa tcaatctta tgatggaaag ccctaagagc ctttagtggaa 360  
cttggttacc taatggcata aatggtatca aagatgcaag gaaggtcact gtaggtgtga 420  
ttggaaagtgg agattttgcc aaatccttga ccattcgact tattagatgc ggctatcatg 480  
tggtcatagg aagtagaaat cctaagtgg ctcttga 517

<210> 4  
<211> 493  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 6912820J1

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tcctcatgtg gtagatgtca ctcatcatga agatgctctc acaaaaacaa atataatatt 180  
tgttgctata cacagagaac attatacctc cctgtggac ctgagacatc tgcttggtgg 240  
taaaatcctg attgatgtga gcaataacat gaggataaac cagtaccagg aatccaatgc 300  
tgaatatttg gcttcattat tcccagattc tttgattgtc aaaggattt aatgttgc 360  
agcttggca cttcagttag gacctaagga tgccagccgg caggttata tatgcagcaa 420  
caatattcaa gcgcgacaac aggttattga acttgccgc cagttgaatt tcattccat 480  
tgacttggga tcc 493

<210> 5  
<211> 403  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 4647117F6

<220>  
<221> unsure  
<222> 316, 321, 339  
<223> a, t, c, g, or other

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acctaaggat gcccggc aggtttat atgcagcaac aatattaag cgcgacaaca 120  
ggttatttggaa cttggccggcc agttgaattt catttttgcattt gacttggat ctttatcatc 180  
agccagagag attgaaaatt tacccttacg actctttact ctctggagag ggcagtggt 240  
gttagctata agcttggcca cattttttt ctttatttcc tttgtcagag atgttattca 300  
tccatatgtc agaaancaac ngagtgactt ttacaaacnt tctatagaga ttgtgaataa 360  
aaccttacccat atagttgcca ttactttgtt ccccttagta tac 403

<210> 6  
<211> 560  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> Incyte ID No: 7004364H1

<400> 6  
acatttttt tccttgcattt ctttgcaga gatgtgattt atccatatgc tagaaaccaa 60  
cagagtgtact tttacaaaat tcctatagag attgtgaata aaaccttacc tataatgttgc 120  
attactttgc tctccctagt ataccccgca ggtttctgg cagctgttta tcaactttat 180  
tacggcccca agtataaggag atttccacct tggggaaa cttggttaca gtgttagaaaa 240  
cagcttggat tactaagttt tatcccgct atggccatg ttgcctacag cctctgttta 300  
ccgatgagaa ggtcagagag atatttgttt ctttacatgg cttatcagca ggttcatgca 360  
aatattgaaa actcttggaa tgaggaagaa gtttggagaa ttgaaatgtt tatctccctt 420  
ggcataatga gccttggctt actttccctc ctggcagtca cttctatccc ttcatgttgg 480  
aatgctttaa actggagaga attcgtttt attcgttca cacttggata tttgtcgtctg 540  
ctcataagta ctttccatgt 560

<210> 7  
<211> 265  
<212> DNA  
<213> Homo sapiens

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<220>

<221> misc\_feature

<223> Incyte ID No: 70351677D1

<400> 7

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ccatccataaa attaaaacat ggaaagtact tatgagcaga gcgacatatac caagtgtaga 180  
ctgaataaaa ctgaattctc tccagttaa agcattgctc actgaaggaa tagaagtgac 240  
tgccaggagg gaaagtaagc caagg 265

<210> 8

<211> 204

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 4108079H1

<220>

<221> unsure

<222> 45, 83, 132

<223> a, t, c, g, or other

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tggggaaaaga gnccgatttc tggaagaagg tctgggaggg acaattcgca tgtcgccccg 180  
gagagggtca cagtaatggg atga 204

<210> 9

<211> 265

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No: 4669848H1

<400> 9

ccggagaggg tcacagtaat gtgatgataa atgggtttca cagctccat ataaagttct 60  
actcatgccca ttattttat gacttctacg ttcaagttaca agtatgtgt caaattatcg 120  
tgggtgaaa cttgttaaat gagatttcaa ctgacttagt gatagagttt tcttcaagtt 180  
aattttcaca aatgtcatgt ttgccaatat gaattttct agtcaacata ttattgtaat 240  
ttaggtatgt ttgttttgt tttgc 265

<210> 10

<211> 525

<212> DNA

<213> Rattus norvegicus

<220>

<221> misc\_feature

<223> Incyte ID No: 702819778T1

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 cttagatgggt ggtgacgtct accacatgag gaaaaaaactc agacgcgaac ttaggatttc 120  
 tgcttccgat gaccacgtga tagccgcacc tgataagccg aatggtcaga gacttggcaa 180  
 aatccccact tcctatcacc cccacggta ccttccttcgtc gtctttgata ccgttatgc 240  
 cattaggcaa aaacgtctcc agggtcttag ggcttccat catagagatg gattccatgg 300  
 tagagactct tctaagatca ccaggaatgc cctggaaatc ttaagggtgta gcttctact 360  
 cagaggagct ggagggaggc tccttcggcg ctgctggact ctggaactgc ctacgtgtag 420  
 tgaggagggc ctccgcgccc tcctctcccg gccacggtcg cagcgcgcg ccgtggctcc 480  
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&lt;210&gt; 11

&lt;211&gt; 339

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No: g6572948

&lt;400&gt; 11

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Met	Lys	Pro	Arg	Arg	Asn	Leu	Glu	Glu	Asp	Asp	Tyr	Leu	His	Lys
	20								25				30	
Asp	Thr	Gly	Glu	Thr	Ser	Met	Leu	Lys	Arg	Pro	Val	Leu	Leu	His
	35								40				45	
Leu	His	Gln	Thr	Ala	His	Ala	Asp	Glu	Phe	Asp	Cys	Pro	Ser	Glu
	50								55				60	
Leu	Gln	His	Thr	Gln	Glu	Leu	Phe	Pro	Gln	Trp	His	Leu	Pro	Ile
	65								70				75	
Lys	Ile	Ala	Ala	Ile	Ile	Ala	Ser	Leu	Thr	Phe	Leu	Tyr	Thr	Leu
	80								85				90	
Leu	Arg	Glu	Val	Ile	His	Pro	Leu	Ala	Thr	Ser	His	Gln	Gln	Tyr
	95								100				105	
Phe	Tyr	Lys	Ile	Pro	Ile	Leu	Val	Ile	Asn	Lys	Val	Leu	Pro	Met
	110								115				120	
Val	Ser	Ile	Thr	Leu	Leu	Ala	Leu	Val	Tyr	Leu	Pro	Gly	Val	Ile
	125								130				135	
Ala	Ala	Ile	Val	Gln	Leu	His	Asn	Gly	Thr	Lys	Tyr	Lys	Phe	
	140								145				150	
Pro	His	Trp	Leu	Asp	Lys	Trp	Met	Leu	Thr	Arg	Lys	Gln	Phe	Gly
	155								160				165	
Leu	Leu	Ser	Phe	Phe	Phe	Ala	Val	Leu	His	Ala	Ile	Tyr	Ser	Leu
	170								175				180	
Ser	Tyr	Pro	Met	Arg	Arg	Ser	Tyr	Arg	Tyr	Lys	Leu	Leu	Asn	Trp
	185								190				195	
Ala	Tyr	Gln	Gln	Val	Gln	Gln	Asn	Lys	Glu	Asp	Ala	Trp	Ile	Glu
	200								205				210	
His	Asp	Val	Trp	Arg	Met	Glu	Ile	Tyr	Val	Ser	Leu	Gly	Ile	Val
	215								220				225	
Gly	Leu	Ala	Ile	Leu	Ala	Leu	Leu	Ala	Val	Thr	Ser	Ile	Pro	Ser
	230								235				240	
Val	Ser	Asp	Ser	Leu	Thr	Trp	Arg	Glu	Phe	His	Tyr	Ile	Gln	Ser
	245								250				255	
Lys	Leu	Gly	Ile	Val	Ser	Leu	Leu	Gly	Thr	Ile	His	Ala	Leu	

260	265	270
Ile Phe Ala Trp Asn Lys Trp Ile Asp	Ile Lys Gln Phe Val	Trp
275	280	285
Tyr Thr Pro Pro Thr Phe Met Ile Ala Val	Phe Leu Pro Ile	Val
290	295	300
Val Leu Ile Phe Lys Ser Ile Leu Phe	Leu Pro Cys Leu Arg	Lys
305	310	315
Lys Ile Leu Lys Ile Arg His Gly Trp	Glu Asp Val Thr Lys	Ile
320	325	330
Asn Lys Thr Glu Ile Cys Ser Gln Leu		
335		